



share

learn

explore

care

hope

understand

believe

Strands include:

- Nature, Concepts, and Systems
- Social Interactions
- Information and Communication Tools
- Information and Communication Processes
- Information Literacy and Decision Making



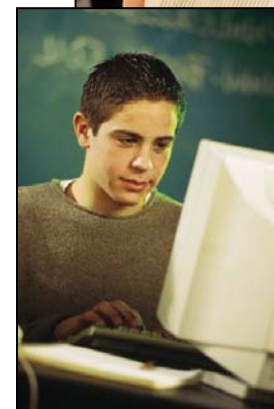
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South Dakota Educational Technology Standards



Seventh Grade



Through the No Child Left Behind Act, the Enhancing Education Through Technology (Ed Tech) Program was created. The primary goal of the program is to improve student's academic achievement through the use of technology in schools. These standards were created and designed to assist every student in crossing the digital divide by ensuring that they are technologically literate by the end of their public education in South Dakota.

Standards with Indicators

Nature, Concepts, and Systems

Indicator 1: Students understand the history and progression of technology in relation to the development and design of future technology.

7.NC.1.1 Outline the implications of increasing computing potential over time.

Indicator 2: Students analyze the parts of a technological system in terms of input, process, output, and feedback.

7.NC.2.1 Describe how subsystems work within a larger system.

Indicator 3: Students analyze the relationships and connections between technologies in different fields of study and how they apply to communities.

7.NC.3.1 Compare technology education skills required to pursue a variety of career paths.

Indicator 4: Students understand the purpose and demonstrate the use of the design process in problem solving.

7.NC.4.1 Apply the universal nature of the design process to different situations.

Social Interaction

Indicator 1: Students understand the safe, ethical, legal, and societal issues related to technology.

7.SI.1.1 Correlate the illegal/unethical use of technology to the consequences as it relates to changes in society.

Indicator 2: Students investigate the advantages and disadvantages of technology.

7.SI.2.1 Determine which innovations in technology have produced the greatest impact on society.

Information and Communication Tools

Indicator 1: Students recognize and demonstrate skills in operating technological systems.

7.CT.1.1 Describe the factors that contribute to increased/decreased functionality in a technological system.

Indicator 2: Students use technology to enhance learning, extend capability, and promote creativity.

7.CT.2.1 Recognize differences between applications and their uses.

7.CT.2.2 Demonstrate ways that communication technologies interrelate.

7.CT.2.3 Create projects using technology applications and tools.

Indicator 3: Students evaluate and select information tools based on the appropriateness to specific tasks.

7.CT.3.1 Evaluate the effectiveness of new tools.

Information and Communication Processes

Indicator 1: Students understand the purpose of information technologies to communicate with a variety of collaborators.

7.CP.1.1 Compare various ways in which you can use collaborative technologies to present information.

Indicator 2: Students exchange information and ideas for an identified purpose through information technologies.

7.CP.2.1 Apply information technology to design on demand communication.

Information Literacy and Decision Making

Indicator 1: Students use technology to locate and acquire information.

7.IL.1.1 Compare technology systems and resources.

Indicator 2: Students determine the reliability and relevancy of information.

7.IL.2.1 Categorize validated and non-validated sources.

If you would like more information, specific examples or additional resources, please visit our website.

<http://doe.sd.gov/contentstandards/NCLB/index.asp>